

## EAST Search History

| Ref # | Hits | Search Query                                | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 848  | 349/86                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/08 08:59 |
| L2    | 239  | 1 and nematic with polymer                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/08 08:18 |
| L3    | 23   | 1 and weight with nematic with polymer      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/08 09:14 |
| L4    | 8    | 3 and positive adj2 (dielectric anisotropy) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/08 09:05 |
| L5    | 6    | 4 and (photo?cur\$3 irradiat\$3)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/08 09:05 |
| L6    | 5    | 5 and (chiral non?chiral cholesteric)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/08 09:06 |
| L7    | 281  | 349/88                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/08 08:52 |
| L8    | 126  | 7 and (pdlc polymer adj dispersed)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/08 08:59 |

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| L9  | 23  | 8 and nematic with (chiral non?chiral cholesteric) with weight | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 08:54 |
| L10 | 8   | 9 and positive adj2 (dielectric anisotropy)                    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 08:54 |
| L11 | 8   | 10 and (photo?cur\$3 irradiat\$3)                              | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 08:55 |
| L12 | 151 | 349/93   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 08:59 |
| L13 | 74  | 12 and (pdlc polymer adj dispersed)                            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 08:59 |
| L14 | 6   | 13 and weight same nematic same polymer                        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 09:00 |
| L15 | 2   | 14 and positive adj2 (dielectric anisotropy)                   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 09:02 |
| L16 | 116 | 1 and weight with nematic                                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 09:05 |

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| L17 | 60 | 16 and positive adj2 (dielectric anisotropy) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 09:15 |
| L18 | 44 | 17 and (photo?cur\$3 irradiat\$3)            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 09:08 |
| L19 | 27 | 18 and (chiral non?chiral cholesteric)       | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 09:43 |
| L20 | 17 | 18 not 19                                    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 09:07 |
| L21 | 6  | 17 and (photo?cur\$3 irradiat\$3) with beam  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 09:15 |
| L22 | 55 | 1 and weight same nematic same polymer       | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 09:27 |
| L23 | 22 | 22 and positive adj2 (dielectric anisotropy) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 09:28 |
| L24 | 1  | 23 and (photo?cur\$3 irradiat\$3) with beam  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/08 09:28 |

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|-----|----|---|---|----|----|------------------|
| L25 | 88 | 1 and weight same nematic same<br>(polymer pre?polymer prepolymer<br>monomer) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 09:37 |
| L26 | 44 | 25 and positive adj2 (dielectric<br>anisotropy)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 09:38 |
| L27 | 5  | 26 and (photo?cur\$3 irradiat\$3)<br>with beam                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 09:38 |
| L28 | 47 | 7 and weight same nematic same<br>(polymer pre?polymer prepolymer<br>monomer) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 09:40 |
| L29 | 18 | 28 and positive adj2 (dielectric<br>anisotropy)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 09:40 |
| L30 | 17 | 29 and (photo?cur\$3 irradiat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 09:40 |
| L31 | 36 | 8 and weight same nematic same<br>(polymer pre?polymer prepolymer<br>monomer) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 09:48 |
| L32 | 15 | 31 and positive adj2 (dielectric<br>anisotropy)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 09:49 |

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|     |    |   |   |    |    |                  |
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| L33 | 15 | 32 and (photo?cur\$3 irradiat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 09:41 |
| L34 | 12 | 33 and (chiral cholesteric)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 09:44 |
| L35 | 3  | 33 not 34   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 09:44 |
| L36 | 7  | 13 and weight same nematic same<br>(polymer pre?polymer prepolymer<br>monomer)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 09:58 |
| L37 | 2  | 36 and positive adj2 (dielectric<br>anisotropy)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 09:49 |
| L38 | 0  | ((pdlc polymer adj dispersed) and<br>weight same nematic same<br>(polymer pre?polymer prepolymer<br>monomer) and positive adj2<br>(dielectric anisotropy) and<br>(photo?cur\$3 irradiat\$3)).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 10:01 |
| L39 | 0  | ((pdlc polymer adj dispersed) and<br>weight same nematic same<br>(polymer pre?polymer prepolymer<br>monomer) and positive adj2<br>(dielectric anisotropy)).clm.                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 10:02 |
| L40 | 1  | ((pdlc polymer adj dispersed) and<br>weight same nematic same<br>(polymer pre?polymer prepolymer<br>monomer)).clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/08 10:02 |

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|-------|------|---|--|------------------|---------|------------------|
| L38   | 0    | ((pdlc polymer adj dispersed) and weight same nematic same (polymer pre?polymer prepolymer monomer) and positive adj2 (dielectric anisotropy) and (photo?cur\$3 irradiat\$3).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/11/08 10:01 |
| L39   | 0    | ((pdlc polymer adj dispersed) and weight same nematic same (polymer pre?polymer prepolymer monomer) and positive adj2 (dielectric anisotropy)).clm.                               | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/11/08 10:02 |
| L40   | 1    | ((pdlc polymer adj dispersed) and weight same nematic same (polymer pre?polymer prepolymer monomer)).clm.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/11/08 10:29 |
| L43   | 5    | ((pdlc polymer adj dispersed) and nematic same (polymer pre?polymer prepolymer) and weight with liquid).clm.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/11/08 10:31 |

(Interference Searched)